

INFORMATION SYSTEMS SPECIALIST INDONESIA

A. Introduction

The Millennium Challenge Corporation (MCC) is a United States government-owned corporation that works with developing countries to promote sustainable economic growth to reduce poverty. The MCC has an opening for an Information Systems Specialist to assist with the development of a potential MCC grant compact program for the Government of Indonesia (GoI).

In January 2011, Indonesia's National Procurement Agency (LKPP) proposed MCC funding for a governance program focused on reform and modernization of its procurement system geared to support implementation of Perpres 54, a newly enacted Presidential Decree on Procurement. This project aims to improve efficiency and effectiveness of public expenditures and spending through supporting modernization and development of a national public procurement system especially as implemented by local government.

As part of this effort, LKPP would like to establish a comprehensive electronic catalog (e-catalogue) purchasing system to streamline the GoI's procurement procedures related to the purchasing of routine commercial products and services. The benefits of electronic catalog systems include lower transaction costs and increased transparency in the public procurement processes, in addition to enhanced competition in the marketplace. Also as part of this effort, LKPP would like to build an electronic system to bridge and integrate national public procurement system into national and regional public financial management system, including adding an e-payment tracking system.

Further development of electronic government procurement (e-proc) in Indonesia is a priority, including establishing a comprehensive e-catalogue and more integration public procurement system into public financial management system. Furthermore, all public entities will be required to utilize e-proc in 2012 for some of their procurement, as stipulated in the newly enacted Presidential Decree on Procurement.

B. Scope and Objective

The East Asia, Pacific, and Latin America Region of MCC's Department of Compact Operations is seeking an experienced Information Systems Specialist, on a consultancy basis, to design and cost an information technology (IT) program for two projects.

C. Projects

The two projects of this requirement are:

- (1) Identify the IT systems requirements, activities and processes necessary to set up a state-of –the art, user-friendly, and secured electronic catalog purchasing system. This would entail closely working with a Procurement Advisor (MCC short-term consultant) who will be responsible for providing the overall project design and cost to set-up an electronic catalog system; and ,
- (2) Identify the IT systems requirements, activities and processes necessary to set up a state-of –the art, user-friendly, and secured electronic system to integrate national public procurement system into national and regional public financial management system, including an e-payment tracking system. This would entail working closely with a Procurement Advisor (MCC short-term

consultant) who will be responsible for providing the overall project design and cost to set-up a system to integrate procurement planning and budgeting with procurement execution and payment.

D. Country

Indonesia and any other MCC eligible country, if required.

E. Tasks

Tasks will include the following:

(1.) Electronic Catalog Purchasing System

- Determine the IT functional needs and requirements, including security and infrastructure, and capacity of LKPP to support establishment of a well-functioning, sustainable electronic catalog system. This entails evaluating the existing IT systems, including initial efforts of GoI to implement the e-catalogue system, in order to integrate the e-catalogue system into the e-procurement system.
- Examine existing public sector electronic catalogue systems in ASEAN countries and elsewhere (e.g. European Union, Chile) to assess capabilities, functions, architecture and methodology applied and the technical lessons learned in setting up similar systems.
- Design and cost a project, identifying all necessary activities and processes, to set up the IT program for establishing an electronic catalog purchasing system.
- Design and cost a project, identifying all necessary activities and processes, for development and delivery of an IT training program for procurement professionals to build knowledge and skills to post goods and services to the catalog and to purchases goods and services from the electronic catalog system.
- Design and cost a project, identifying all necessary activities and processes, for development and delivery of an IT training program to help the private sector understand the functionality and use of an electronic catalog system.
- Assess the risk of implementing each project evaluating the impact of each risk, identifying the probability of occurrence of each risk and providing suggested actions to mitigate the risks.
- Revise design and cost of project, if deemed necessary based on consultation with MCC.
- Ensure maintenance of organized project files.
- Other tasks may be assigned as it relates to the scope of this assignment.

(2.) Integrated IT system for Procurement

- Review from an technical perspective, the existing computer-based budgeting programs (in the Ministry of Finance, line ministries, Ministry of Home Affairs and selected regional government)) and electronic procurement system(s) in use in terms of capacity, coverage, configuration, software applications, licenses and ownership, data content and currency, connectivity, resource demand and age.

- Determine the IT functional needs and requirements, including security and infrastructure, and capacity of LKPP to develop a well-functioning, sustainable electronic system for integrating procurement planning and budgeting with procurement execution and payment. This entails evaluating the existing IT systems in order to integrate the planning and budgeting function within the e-procurement system and the financial management systems.
- Examine existing financial management systems in use to assess capabilities, functions, architecture and methodology applied and the technical lessons learned in setting up electronic financial management tools.
- Design and cost a project, identifying all necessary activities and processes, to set up the IT program for establishing an integrated procurement/financial management system.
- Design and cost a project, identifying all necessary activities and processes, for development and delivery of an IT training program for procurement and financial management professionals to use the tool to improve the entire procurement process.
- Assess the risk of implementing each project evaluating the impact of each risk and identifying the probability of occurrence of each risk and providing suggested actions to mitigate the risks.
- Revise design and cost of project, if deemed necessary based on consultation with MCC.
- Ensure maintenance of organized project files.
- Other tasks may be assigned as it relates to the scope of this assignment.

The consultant would be precluded from bidding on work and services (design, assessment, construction and supervision) to be procured by the local MCA accountable entity or using funds advanced under a Compact in the relevant country, unless the consultant submits a mitigation plan sufficient to ameliorate any conflict of interest pursuant to the rules applicable to the procurement process.

The designated Consultant would be expected to coordinate with local authorities responsible for MCC Compact implementation as well as other donors, where relevant. However, designated Consultant would report directly to the designated COTR/PM.

F. Period and Place of Performance

The consultancy will be for a period of 12 months ***but specific deliverables are due as noted in the next section.*** The position is expected to require varying levels of effort between 50-100% when and as critical stages in the transaction are reached. The consultant will need to travel to Indonesia as required by MCC. Consultant will perform the tasks in MCC offices/LKPP offices in Jakarta and at his own facilities.

G. Deliverables

Deliverable 1: Trip reports, ad hoc reports or information as may be requested by the COTR/PM.

Deliverable 2: Interim report with preliminary project design and cost estimates, due by June 9, 2011.

Deliverable 3: Final report with project design and cost estimates, including comments by MCC, due as per agreement, due by July 9, 2011.

Deliverable 4: Revised project design and cost estimates, if requested by MCC.

H. Evaluation Criteria

The qualifications of Consultant suited for this assignment include the following:

- Undergraduate degree in Management Information Systems, Computer Science, Mathematics or field relevant to tasks of this assignment or equivalent advance training in related field is required.
- Must have approximately five years professional experience in tasks that are relevant to the activities in this assignment and that demonstrate that the consultant possesses the knowledge and skills to perform this assignment successfully.
- Demonstrated understanding of IT Architecture (i.e. Networks, Multi-Tier Applications, Databases, Operating Systems, Security, and infrastructure).
- Proven experience in developing IT-related public policies and procedures is desirable.
- Prior work experience in Indonesia or within East Asia is desirable.
- Excellent oral and written English communication skills, including proven ability to interact effectively with a wide variety of stakeholders to identify needs and to achieve desired results.
- Demonstrated ability of organizational and time management skills, including having exceptional attention to detail, data quality, and accuracy of information.
- Knowledge of Bahasa would be a plus, but is not mandatory.
- Highly motivated, committed to highest ethical standards.
- Cost.

I. How to Apply

Interested parties should submit by email to recruitment@mcc.gov the following package: 1) Resume, 2) a brief cover letter that addresses the evaluation criteria and provides three professional references and 3) salary history with proposed hourly rate. Submissions must include **“ISS - Indonesia”** in the subject line of your email. **This announcement will expire on May 11, 2011.**